Printed Name: Electronically filed by Donny Glanton

Phone: 432-686-3642

Email Address: donny_glanton@eogresources.com

Title: Sr. Lease Operations Rep

Date: 1/14/2008

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe. NM 87505

							INIVI 8					
AF	PLICATIO	1.	Operator Nam OG RESOU		, RE-E	NTER	R, DEEP	EN, PL	UGBAC	K, OR A 2. ogred 73'	Numbe	
P.O. Box 2267 Midland , TX 79702										3. API Number		
										30-05-	64004	
4. Property Code 36954					5. Property Name SISSIPPI B 31 FEE					6. Well No. 002H		
				7. S	urface	Loca	ntion					
UL - Lot P	Section 31	Townshi 15S	p Range 25E	Lot Idm P	Feet F1 760				t From 560	E/W Line E		County CHAVES
		•	•	8. P	ool Inf	forma	ation	•				
OTTO:	WOOD CRI	EEK;WOL	FCAMP (G		001 111		111011					752.
				Addition	al Wel	ll Inf	ormatio	m				
9. Wo	rk Type	10. We	11 Туре	21	able/Rota				se Туре	13. Gr	ound Le	vel Elevation
New	Well	G/	AS	1000000000					Private		3490	
14. 1	Multiple	15. Prope	sed Depth	16. Formation 17. Co				ontractor	r 18. Spud Date		oud Date	
N 5100 Wolfe				Volfcam	ф							
Depth to Ground water Distance from near					rom neare	est fresh water well Distance to neare				st surface water		
100				> 1000						> 1000		
	: Synthetic 💢 :d Loop System	_	mils thick	Clay Pit Vo	o hm e: <u>10</u>	0300		lling Metho sh Water		Diesel/Oil-ba	sed 🗙	Gas/Air
			19.1	Proposed Ca	asing a	and C	ement i	Program	n			
Туре	Hole Size	Casing		Casing Weight			ing Depth		acks of C	ement	Esti	mated TOC
Surf	12.25	8.63	100	32		1050		150	745			0
Prod	7.875	5	5	17		8617 1200) 0		0		
			Casing	/Cement Pr	ogram	ı: Ado	ditional	Comm	ents			
			Pr	roposed Blov	wout P	rever	ntion Pr	rogram				
Type Working Pressur			ACCURATE AND ACCUR		Test Pressure		Manufacturer					
D	oubleRam			3000		1	- 6	3000				
f my knov further c	rledge and belief ertify that the c	í. Itilling pit v	will be constr	e and complete to	to	(C)	OIL	CONS	ERVA'	TION D	IVIS	ЮИ
MOCD guidelines 🔀, a general permit 🗀, or an (attached) alternative CD-approved plan 🗀						Approved By: Bryan Arrant						

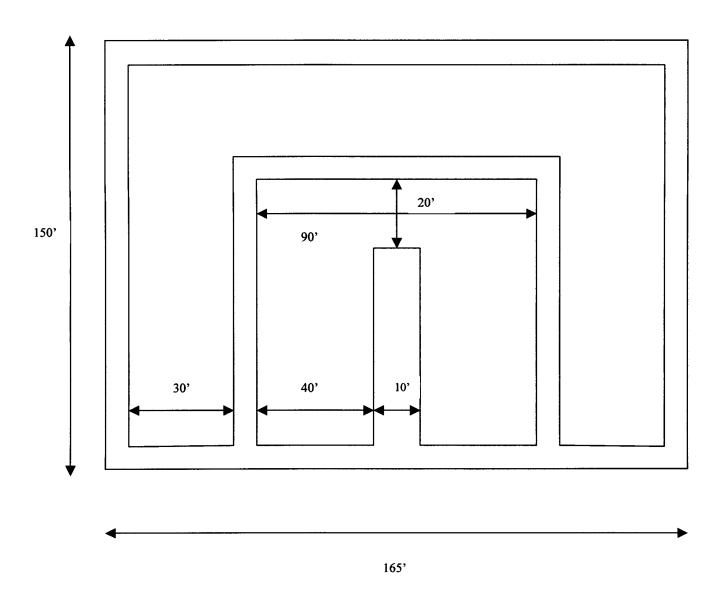
Title: Geologist

Approved Date: 1/22/2008

Conditions of Approval Attached

Expiration Date: 1/14/2010

New Mexico Double Horseshoe Reserve Pit Design



Approximate Inside Reserve Volume: 4500 bbls Approximate Outside Reserve Volume: 5800 bbls

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	ol Name				
30-05-64004	75250 COTTONWOOD CREEK;WOLFCAMP (C					
4. Property Code	5. Prop	erty Name	6. Well No.			
36954	MISSISSIF	002H				
7. OGRID No.	8. Oper	9. Elevation				
7377	EOG RESC	3490				

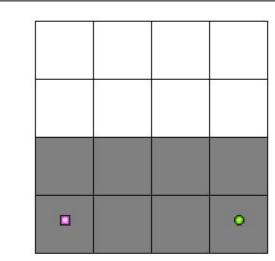
10. Surface Location

5	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	P	31	15S	25E		760	S	660	E	CHAVES

11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 31	Township 15S	Range 25E	Lot Ida 4	. Feet 1	49/	N/S Line S	Feet From 660	E/W Line W	County CHAVES
177112	12. Dedicated Acres 319.63		Joint or Infill		14. Consol	idation C	ode		15. Order No.	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

Form C-102

Permit 67582

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Donny Glanton Title: Sr. Lease Operations Rep

Date: 1/14/2008

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Surveyed By: Terry Asel
Date of Survey: 12/10/2007
Certificate Number: 15079

Permit Comments

Operator: EOG RESOURCES INC , 7377 Well: MISSISSIPPI B 31 FEE #002H

API: 30-05-64004

Created By	Comment	Comment Date
dglanton	Plat, Detailed Casing, Mud, Cement, Drilling Plan and H2S letter will be forwarded via regular mail.	1/14/2008

Permit Conditions of Approval
Operator: EOG RESOURCES INC , 7377
Well: MISSISSIPPI B 31 FEE #002H

API: 30-05-64004

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	Will require a directional survey with the C-104
BArrant	As noted, operator to drill surface hole wyfresh water mud.
BArrant	Plese notify operator time of spud and time to witness the cementing to surface of all strings of casing.
BArrant	Operator to submit a H2S well contingecy plan whenever there is a public dwelling within 1/2 mile of well bore.